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**From:** Michael Matsuo [MMATSUO@hbws.org]  
**Sent:** 12/3/2017 12:55:38 AM  
**To:** Johnson, Jeff [JEFF.JOHNSON@aecom.com]; ERWIN KAWATA [EKAWATA@hbws.org]  
**CC:** Ernest Lau [elau@hbws.org]; LISA KIM [LKIM@hbws.org]; Linder, Steven [Linder.Steven@epa.gov]; Pallarino, Bob [Pallarino.Bob@epa.gov]; Joe Tracy [JTracy@intera.com] [JTracy@intera.com]; John Sigda [jsigda@intera.com] [jsigda@intera.com]; Mark Manfredi (mark.manfredi@navy.mil) [mark.manfredi@navy.mil]; steven.chang@doh.hawaii.gov; Terry Tolan [TTolan@intera.com]; Namihira, Tammy (tnamihira@honolulu.gov) [tnamihira@honolulu.gov]; Joan White [JWHITE@hbws.org]; Priscilla May [pmay@hbws.org]  
**Subject:** RE: Red Hill - AECOM letter dated November 20, 2017 re request for access for seismic survey at TMK 99010008  
**Attachments:** AECOM COE to Halawa Shaft for Seismic Survey DRAFT.docx

Hi Mr. Johnson,

Please find attached for your review the draft Consent of Entry for the seismic survey work on the BWS Halawa Shaft and Xeriscape Garden property. If it meets with your approval, please have the appropriate AECOM official sign the Consent and email me a copy of the signature page with your Certificate of Insurance. A copy of the executed Consent of Entry will be sent to you for your files once we have processed it.

If you have any questions, please contact me as shown below. Mahalo!

Mike Matsuo, P.E.  
Land Administrator  
Land Division  
Board of Water Supply  
Phone: (808) 748-5951  
Fax: (808) 550-5004  
Email: [mmatsuo@hbws.org](mailto:mmatsuo@hbws.org)

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**From:** Johnson, Jeff [mailto:JEFF.JOHNSON@aecom.com]  
**Sent:** Friday, December 01, 2017 7:26 AM  
**To:** ERWIN KAWATA <EKAWATA@hbws.org>  
**Cc:** Ernest Lau <elau@hbws.org>; LISA KIM <LKIM@hbws.org>; Steven Linder (linder.steven@epa.gov) <linder.steven@epa.gov>; Bob Pallarino (pallarino.bob@epa.gov) <pallarino.bob@epa.gov>; Joe Tracy (JTracy@intera.com) <JTracy@intera.com>; John Sigda (jsigda@intera.com) <jsigda@intera.com>; Mark Manfredi (mark.manfredi@navy.mil) <mark.manfredi@navy.mil>; Michael Matsuo <MMATSUO@hbws.org>; Steve Chang (steven.chang@doh.hawaii.gov) <steven.chang@doh.hawaii.gov>; Terry Tolan <TTolan@intera.com>  
**Subject:** RE: Red Hill - AECOM letter dated November 20, 2017 re request for access for seismic survey at TMK 99010008

Hello Erwin:

The terms below are acknowledged. Thank you for your assistance.

JJJ

Jeff Johnson  
AECOM Technical Services, Inc.  
D: 808.356.5340  
C: 808.227.2761

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**From:** ERWIN KAWATA [mailto:EKAWATA@hbws.org]

**Sent:** Friday, December 01, 2017 4:46 AM

**To:** Johnson, Jeff

**Cc:** Ernest Lau; LISA KIM; Steven Linder (linder.steven@epa.gov); Bob Pallarino (pallarino.bob@epa.gov); Joe Tracy (JTracy@intera.com); John Sigda (jsigda@intera.com); Mark Manfredi (mark.manfredi@navy.mil); Michael Matsuo; Steve Chang (steven.chang@doh.hawaii.gov); Terry Tolan

**Subject:** RE: Red Hill - AECOM letter dated November 20, 2017 re request for access for seismic survey at TMK 99010008

Hello Jeff,

We acknowledge your request to apply up to a maximum of 10 hits at each location using the 12-pound sledge hammer within the survey area. Per our discussion all strikes using the 40 kg and 12 pound hammers will be limited to the survey area denoted as Transect line B and at the 5 feet intervals specified in your Nov. 29, 2017 letter (attached for reference). Any non-conformance with the survey conditions discussed in this letter and herein (which will also be made part of the BWS consent of entry) will result in immediate termination of the survey and removal of all AECOM and survey personnel from our Halawa Shaft and Xeriscape Garden property.

Per our discussion, the survey is tentatively scheduled for Dec. 14, 2017 with utility toning performed on Dec. 12. The final survey and toning dates are pending final BWS approval of the consent of entry (COE) to our Halawa Shaft and Xeriscape Garden property. Your BWS point of contact and officer-in-charge for the survey and COE will be the BWS Land Administrator, Mr. Michael Matsuo, who will be contacting you to begin the COE process. I will continue to be the overall BWS Red Hill project administrator but your primary communications regarding the survey logistics will be with Mr. Matsuo. You can reach Mr. Matsuo at [MMatsuo@hbws.org](mailto:MMatsuo@hbws.org) or 748-5951. Thank you for your assistance. Please let me know if you have any further questions.

Erwin

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**From:** Johnson, Jeff [mailto:JEFF.JOHNSON@aecom.com]

**Sent:** Thursday, November 30, 2017 6:29 PM

**To:** ERWIN KAWATA <EKAWATA@hbws.org>

**Cc:** Ernest Lau <elau@hbws.org>; LISA KIM <LKIM@hbws.org>; Steven Linder (linder.steven@epa.gov) <linder.steven@epa.gov>; Bob Pallarino (pallarino.bob@epa.gov) <pallarino.bob@epa.gov>; Joe Tracy (JTracy@intera.com) <JTracy@intera.com>; John Sigda (jsigda@intera.com) <jsigda@intera.com>; Mark Manfredi (mark.manfredi@navy.mil) <mark.manfredi@navy.mil>; Michael Matsuo <MMATSUO@hbws.org>; Steve Chang (steven.chang@doh.hawaii.gov) <steven.chang@doh.hawaii.gov>; Terry Tolan <TTolan@intera.com>; Michael Matsuo <MMATSUO@hbws.org>

**Subject:** RE: Red Hill - AECOM letter dated November 20, 2017 re request for access for seismic survey at TMK 99010008

Hello Erwin:

Please see below regarding the three items we discussed today.

1. Regarding the number of hits at each location where the 12-pound sledge hammer is used, we will do up to a maximum of 10 hits at each location. We anticipate fewer hits (4 – 5) will be required for most locations, but more hits are required if there is a lot of interference.

2. We understand that the transect cannot extend beyond your property boundary.

3. We understand that there are irrigation lines located in the grassy area and will take precaution to avoid damage to the lines.

Thank you for your assistance. Please advise if you have any additional questions.

JJJ

Jeff Johnson  
AECOM Technical Services, Inc.  
D: 808.356.5340  
C: 808.227.2761

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**From:** Johnson, Jeff  
**Sent:** Wednesday, November 29, 2017 6:56 PM  
**To:** 'ERWIN KAWATA'  
**Cc:** Ernest Lau; LISA KIM; Steven Linder ([linder.steven@epa.gov](mailto:linder.steven@epa.gov)); Bob Pallarino ([pallarino.bob@epa.gov](mailto:pallarino.bob@epa.gov)); Joe Tracy ([JTracy@intera.com](mailto:JTracy@intera.com)); John Sigda ([jsigda@intera.com](mailto:jsigda@intera.com)); Mark Manfredi ([mark.manfredi@navy.mil](mailto:mark.manfredi@navy.mil)); Michael Matsuo; Steve Chang ([steven.chang@doh.hawaii.gov](mailto:steven.chang@doh.hawaii.gov)); Terry Tolan; Michael Matsuo  
**Subject:** RE: Red Hill - AECOM letter dated November 20, 2017 re request for access for seismic survey at TMK 99010008

Hello Erwin:

Attached is AECOM's response to comments in your letter dated November 22, 2017. Also attached is an Excel file of an Automated Clearing House Authorization Form referenced in AECOM's Response to Comment No. 2 in the event it needs to be completed. If you have any questions or additional comments, please let me know.

Thx,  
JJJ

Jeff Johnson  
AECOM Technical Services, Inc.  
D: 808.356.5340  
C: 808.227.2761

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**From:** ERWIN KAWATA [<mailto:EKAWATA@hbws.org>]  
**Sent:** Wednesday, November 22, 2017 3:29 PM  
**To:** Johnson, Jeff  
**Cc:** Ernest Lau; LISA KIM; Steven Linder ([linder.steven@epa.gov](mailto:linder.steven@epa.gov)); Bob Pallarino ([pallarino.bob@epa.gov](mailto:pallarino.bob@epa.gov)); Joe Tracy ([JTracy@intera.com](mailto:JTracy@intera.com)); John Sigda ([jsigda@intera.com](mailto:jsigda@intera.com)); Mark Manfredi ([mark.manfredi@navy.mil](mailto:mark.manfredi@navy.mil)); Michael Matsuo; Steve Chang ([steven.chang@doh.hawaii.gov](mailto:steven.chang@doh.hawaii.gov)); Terry Tolan; Michael Matsuo  
**Subject:** Red Hill - AECOM letter dated November 20, 2017 re request for access for seismic survey at TMK 99010008

Jeff,

Attached is the BWS reply to the subject AECOM letter dated November 20, 2017 (copy included for reference). The hard copy will be sent by postal mail. If you have any questions, please call me.

Erwin Kawata  
Honolulu Board of Water Supply  
630 South Beretania Street  
Honolulu, Hawaii 96813

Office: 808-748-5080

Email: [ekawata@hbws.org](mailto:ekawata@hbws.org)

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